

ESS COMMENTS ON DRAFT SCIENCE PLAN

- Adopt scenario of medium mission/2yrs, ESSP/4yrs
- First “open” mission in current plan is an ESSP in 2014; examine trade-off of scheduling medium mission instead
- Atmospheric composition:continuous(→air quality) global (→climate) measurement should be top priority, implies sentinel orbit (L1 or GEO).
- Better discuss cross-cutting opportunities in instruments & platforms across focus areas, importance of complementary technology (example: InSAR)
- Flesh out Earth Science objectives beyond 2016:
 - Observation/prediction of rapid environmental change
 - new technologies for Earth observation (microsatellites)
 - Earth system modeling
- Better articulate science purpose of suborbital program, esp. UAVs
- Legacy road maps – move to Appendix. New road maps in 2007 (after decadal survey input)

- Overall document needs executive summary
- Acronym list at beginning of each chapter

R&A

- **Stability in budget**
- **Competition of mission science beyond L1**